

CONOCO

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MATERIAL SAFETY DATA SHEET

I. MATERIAL IDENTIFICATION

Name: Superlube M EP Grease (All Grades)

Conoco Product Code: 903679037

Synonyms: Petroleum Grease

Chemical Family: Petroleum Hydrocarbon

Manufacturer: Conoco Inc.

Address: P.O. Box 1267, Ponca City, OK 74603

CAS Registry No.: Mixture

Transportation Emergency No.:

(800) 424-9300 (Chemtrec)

Product Information No.:

(405) 767-6000

Grease - Multi-Purpose Cartridge

II. HAZARDOUS INGREDIENTS

HAZARD DATA

Hazard Determination:

Health Effect Properties:

Molybdenum/Inorganic molybdenum

Molybdenum compounds can cause irritation and kidney or liver toxicity.

Physical Effect Properties:

Product/Mixture: None.

Not applicable.

III. PHYSICAL DATA

Appearance and Odor: Grey black solid; mild petroleum hydrocarbon odor.

Boiling Point (Deg.F) 750-1200

Specific Gravity (H<sub>2</sub>O=1) 0.91

Vapor Pressure (mmHg) Nil

% Volatile (by volume) Nil

Vapor Density (Air=1) Not Applicable

Evaporation Rate ( =1) Nil

Solubility in Water Insoluble

IV. REACTIVITY DATA

Stable: X Unstable:

Hazardous Decomposition Products: Normal combustion forms carbon dioxide; incomplete combustion may produce carbon monoxide.

Conditions To Avoid: Strong oxidizing materials, heat, flame.

Hazardous Polymerization: Will not occur.

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**V. FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method used): 300F (PMCC) Autoignition Temperature: 700F  
Handle and store in accordance with NFPA procedure for Class III B Combustible Liquid.

Extinguishing Media: Use water spray, dry chemical, foam, or carbon dioxide.

Special Fire Fighting Procedures: Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures.

Unusual Fire and Explosion Hazards: Products of combustion may contain carbon monoxide, carbon dioxide, and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

National Fire Protection Agency (NFPA) CLASSIFICATION			HAZARD RATING	
Health <u>0</u>	Fire <u>1</u>	Reactivity <u>0</u>	Least - 0	Slight - 1 Moderate - 2
			High - 3	Extreme - 4

**VI. TRANSPORTATION AND STORAGE DOT HAZARD CLASS: Not Applicable**

Precautions To Be Taken In Handling And Storing: Product is Class III B Combustible Liquid per NFPA Code No. 30-1984. Store and handle accordingly.

Shipping Paper Description: Not D.O.T. Regulated.

Placard: Not D.O.T. Regulated.

D.O.T. Label: Not Regulated.

OSHA Label: CAUTION: This product contains molybdenum compounds. Certain molybdenum compounds have been toxic or caused irritation in laboratory animals.

**VII. HEALTH HAZARD INFORMATION**

PEL 15 mg/m<sup>3</sup> (Insoluble compounds of molybdenum)

TLV 10 mg/m<sup>3</sup> (Insoluble compounds of molybdenum)

Ceiling Value Not Established AEL Not Established

Primary Route(s) of Exposure/Entry: Skin.

Signs and Symptoms of Exposure/Medical Conditions Aggravated By Exposure:

No adverse health effect has been identified specifically for this product. Health effect information from animal and human studies has been included on related materials, even though health experts may disagree as to the significance of this data.

**VII. HEALTH HAZARD INFORMATION (continued)**

Mouse skin painting studies have shown that highly solvent-refined petroleum distillates having a boiling point below 700F, and which are similar to ingredients in this product, have not caused skin tumors. Studies of petroleum workers have not shown a significant increased incidence of skin tumors.

The product may cause irritation to eyes, lungs, or skin after prolonged or repeated exposure.

Listed as Carcinogen or Potential Carcinogen by: NTP No IARC No OSHA No

**VIII. EMERGENCY AND FIRST AID PROCEDURES**

Eyes: Immediately wash with fresh water for at least 15 minutes and get medical attention.

Skin: Wash exposed skin thoroughly with soap and water. If irritation persists, consult a physician.

Inhalation: If overexposure occurs, remove individual to fresh air. If breathing stops, administer artificial respiration.

Ingestion: If this material is swallowed, do not induce vomiting. If vomiting begins, lower victim's head in an effort to prevent vomitus from entering lungs. Immediately consult a physician. Do not attempt to give liquid to an unconscious person.

Note to Physicians: Gastric lavage by qualified medical personnel may be considered, depending on quantity of material ingested.

**IX. SPILL, LEAK AND DISPOSAL PROCEDURES**

RCRA HAZARDOUS WASTE: Yes        No X

In Case Of Spill Or Leak: Contain spill immediately in smallest area possible. Recover as much of the product itself as possible by shovel or mechanical means. Nonrecyclable product and contaminated soils and other materials should be picked up and placed in proper containers for storage and ultimate disposal. Avoid washing, draining or directing material to storm or sanitary sewers.

Waste Disposal Method: Recycle as much of the recoverable product as possible. Dispose of nonrecyclable material by such methods as controlled incineration, complying with federal, state and local regulations.

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**X. PRECAUTIONARY MEASURES**

Respiratory Protection: None required except under unusual circumstances such as described in Section V.

Ventilation: Normal shop ventilation.

Protective Gloves: None required.

Eye Protection: None required.

Other Protective Equipment: None required.

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